

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A process for the oligomerization of olefins, ~~in which~~
the process comprising:

contacting an olefin ~~is brought into contact~~ with a catalyst system comprising

a) at least one transition metal complex with a polydentate complexing ligand and

b) an alkylaluminumoxane ~~in such amounts that~~

wherein the molar ratio of aluminum:transition metal is greater than 10, and

~~wherein~~ at least part of the amount of the transition metal complex is added
continuously or in portions during the oligomerization.

Claim 2 (Currently Amended): The [[A]] process as claimed in claim 1, wherein a
partial amount of the transition metal complex is initially charged together with the
alkylaluminumoxane and the molar ratio of aluminum:transition metal is reduced to less than
half of the initial value by addition of at least one further partial amount of the transition
metal complex.

Claim 3 (Currently Amended): The [[A]] process as claimed in claim 2, wherein the
initial molar ratio of aluminum:transition metal is greater than 100.

Claim 4 (Currently Amended): The [[A]] process as claimed in claim 1, ~~any of the~~
~~preceding claims~~, wherein the transition metal is chromium.

Claim 5 (Currently Amended): The [[A]] process as claimed in claim 1, ~~any of the preceding claims~~, wherein the complexing ligand is a polydentate nitrogen-comprising ~~nitrogen-containing~~ complexing ligand.

Claim 6 (Currently Amended): The [[A]] process as claimed in claim 5, wherein the complexing ligand comprises a 1,3,5-triazacyclohexane or 1,4,7-triazacyclononane skeleton.

Claim 7 (Currently Amended): The [[A]] process as claimed in claim 1, ~~any of the preceding claims~~, wherein the alkylaluminoxane is methylaluminoxane.